



## BRIEF SUMMARY

I'm driven by a constant thirst for knowledge, which fuels my personal growth. Learning is more than a hobby—it's a mindset that shapes my life. This enthusiasm has transformed my personal and professional journey, helping me adapt, acquire diverse skills, and face challenges positively. My commitment to ongoing learning defines me, propelling me toward self-discovery and growth. In essence, my passion for learning propels me to explore the unknown, adapt, and continually better myself.

## KEY EXPERTISE

Python   Sql   Flask   API   OOPs

## EDUCATION

### Sri Sivasubramaniya Nadar College of Engineering

2021 - 2025

B.Tech. - Information Technology | CGPA: 7.98 / 10.00

### RVS BHARATH MATRICULATION SCHOOL, Nagapattinam

2021

12<sup>th</sup> | TAMILNADU HIGHER SECONDARY BOARD | Percentage: 97.00 / 100.00

### RVS BHARATH MATRICULATION SCHOOL, Nagapattinam

2019

10<sup>th</sup> | TNBSE | Percentage: 98.00 / 100.00

#### Course Works - Key Courses Taken :

Python - Data Structures, Algorithm Analysis

Design Patterns in Python

DBMS - MySQL, SQL Plus

#### Labs :

Python

Data Structures

Algorithm Analysis

DBMS using SQL Plus

Microprocessors using ARM and 8086

Networks using Wireshark, Cisco Packet Tracer and NS2

## PROJECTS

### Pulse Diagnosis

01 Mar, 2023 - 26 Aug, 2024

Mentor: Dr. R. Srinivasan | Team Size: 4

Key Skills: Sensors   Arduino UNO   ESP   Internet of Things   Mobile Application Development   Dart

The Pulse Diagnosis System employs Siddha medicine principles to extract vital health information from pulse data. This data is collected and analyzed through a user-friendly mobile app created by us. The app provides personalized health insights encompassing physical, emotional, and energetic aspects, all while adhering to data privacy measures. By integrating ancient wisdom with modern technology, this system offers users a holistic view of their health for informed decision-making. machine capable of accurately calculating the individual's pulse

### RoomHive-Student Accomodation Portal

13 Mar, 2023 - 30 Jun, 2023

Mentor: Dr.S.Sasirekha | Team Size: 6

Key Skills: Python   Flask   API   MySQL   Databases   Programming   JIRA   Github

Project Link: <https://github.com/vijay2110746/RoomHive>

The Student Accommodation Portal is a user-friendly platform that helps students find suitable lodging options. Users log in and input their location, preferences (roommates, bathroom availability, food, and AC), and using this information, the portal displays nearby hotels meeting their criteria. A Telegram bot integration allows results to be conveniently sent to users' Telegram IDs. The portal ensures real-time room availability, offers transparent information about facilities and pricing, and prioritizes user data security. This efficient tool simplifies the process of discovering and selecting the right accommodation for students.

### Vegetable Vendor Assisting System

02 May, 2022 - 27 Aug, 2022

Mentor: Dr.S.Karthika | Team Size: 6

Key Skills: Python   Tkinter   Data Structures   Queues   JIRA   GUI

Project Link: <https://github.com/vijay2110746/veg-vendor>

The Vegetable Vendor Assistance Project is a comprehensive system that assists vegetable vendors in managing their business operations efficiently. It encompasses features such as real-time tracking of vegetable stock, a user-friendly platform for customers to place orders, automatic

generation of digital bills, and sending bills to customers via email. This project optimizes the vendor's inventory management, order processing, and customer communication, contributing to a streamlined and modernized vegetable vending business.

PUBLICATIONS / RESEARCH / WHITE PAPERS

**Pulse Diagnosis**  
Medical Research paper | Pulse Based Diagnostic System For Siddha And Varma | **Mentor:** Dr. T. Sree Sharmila |  
**No. of Authors:** 4  
**Key Skills:** Internet of Things Sensors  
The Pulse Diagnosis System employs Siddha medicine principles to extract vital health information from pulse data. This data is collected and analyzed through a user-friendly mobile app created by us. The app provides personalized health insights encompassing physical, emotional, and energetic aspects, all while adhering to data privacy measures. By integrating ancient wisdom with modern technology, this system offers users a holistic view of their health for informed decision-making. machine capable of accurately calculating the individual's pulse

01 Aug, 2024

PERSONAL DETAILS

**Gender:** Male  
**Marital Status:** Single  
**Current Address:** 2/86-1, Therku kuthagai, Ayakkaranpulam-2,  
Vedaranyam(taluk), Nagapattinam(district)., Nagapattinam, Tamil Nadu,  
India - 614707  
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**Date of Birth:** 29 Sep, 2003  
**Known Languages:** Tamil,English  
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